

Title (en)
ULTRAFast GAS-GENERATING DEVICE WITH IMPROVED SAFETY

Publication
EP 0180488 B1 19881117 (FR)

Application
EP 85401708 A 19850903

Priority
FR 8413635 A 19840905

Abstract (en)
[origin: US4690063A] Pyrotechnic gas generator utilizable particularly on a motor vehicle for operating safety devices, such as safety belt retractors. The generator comprises a resistant body containing an ignition bead (5) and a gas generating charge (3). In order to obtain very short operating times while offering maximum safety and reliability, the gas generating charge is separated from the ignition bead by a dielectric hood (6) which forms a leak-tight initiation chamber (7) around the ignition bead, the gas generating charge being composed of grains of powder based on nitrocellulose and a pulverulent oxyreduction powder containing at least one metal.

IPC 1-7
F42B 3/10; **F42C 19/12**; **C06D 5/06**; **B60R 21/16**

IPC 8 full level
B60R 22/46 (2006.01); **C06D 5/00** (2006.01); **F42B 3/04** (2006.01)

CPC (source: EP US)
B60R 22/4628 (2013.01 - EP US); **F42B 3/04** (2013.01 - EP US)

Cited by
EP0640516A1; US5482327A

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
FR 2569686 A1 19860307; **FR 2569686 B1 19861121**; DE 180488 T1 19860814; DE 3566299 D1 19881222; EP 0180488 A1 19860507; EP 0180488 B1 19881117; JP H0425906 B2 19920506; JP S6168384 A 19860408; US 4690063 A 19870901

DOCDB simple family (application)
FR 8413635 A 19840905; DE 3566299 T 19850903; DE 85401708 T 19850903; EP 85401708 A 19850903; JP 19398385 A 19850904; US 77050485 A 19850828